Fig. 1
(Prior Art)

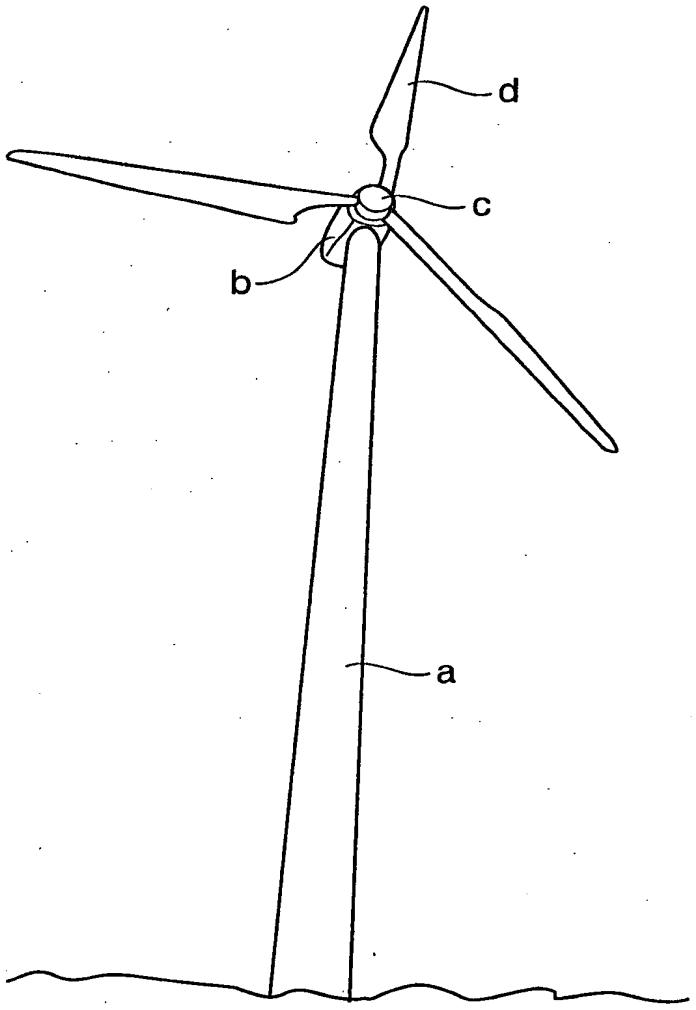

Fig. 2

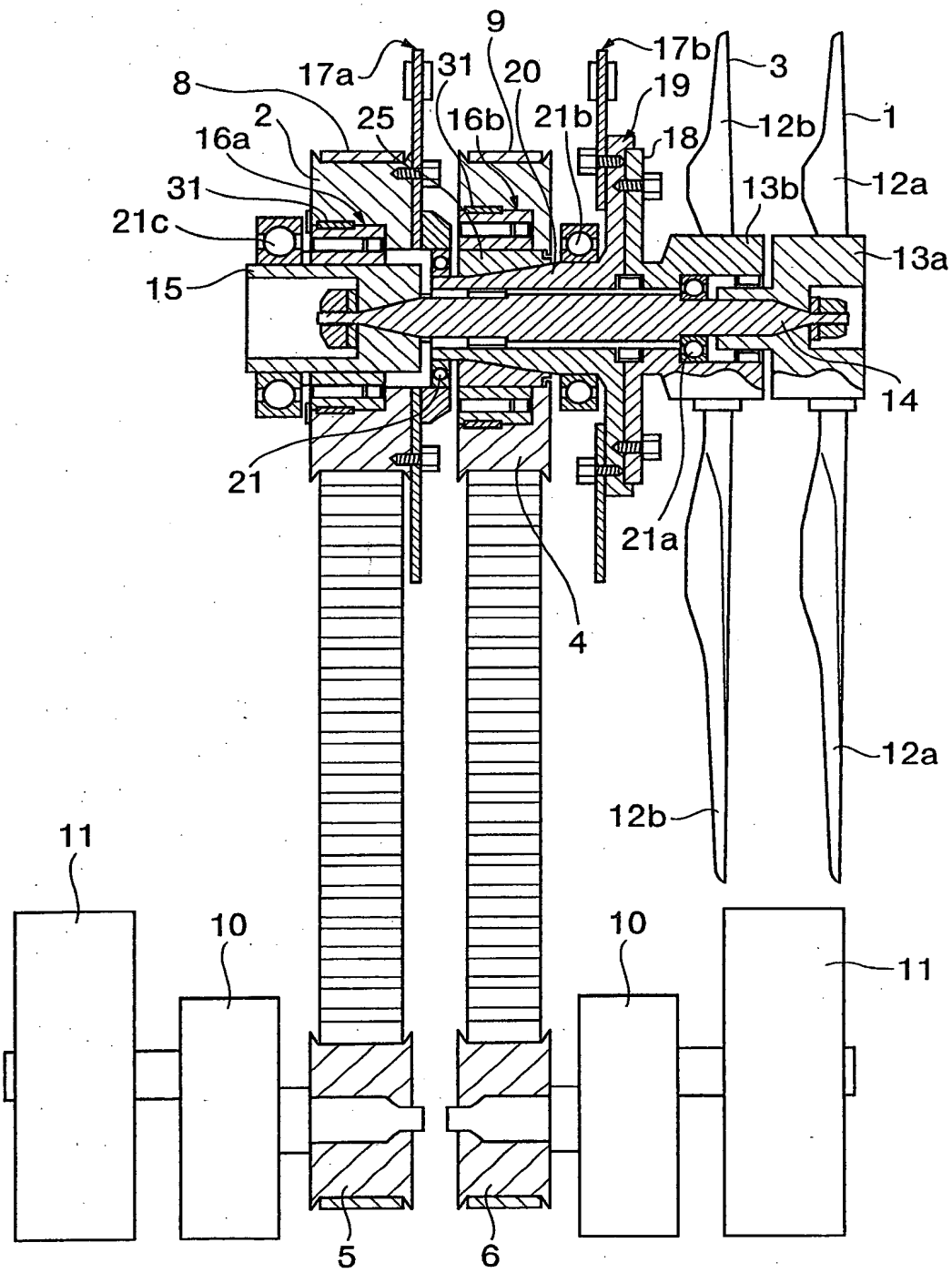
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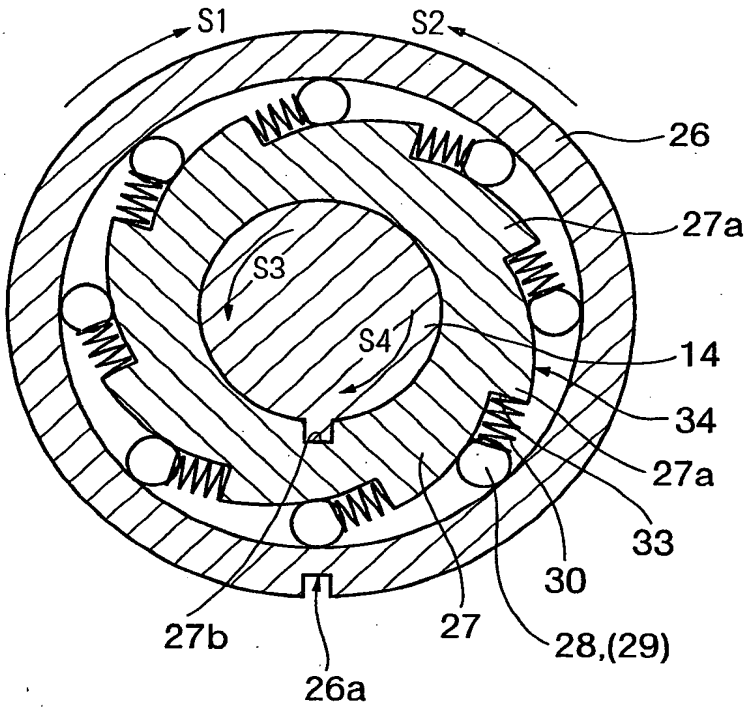
Fig. 3



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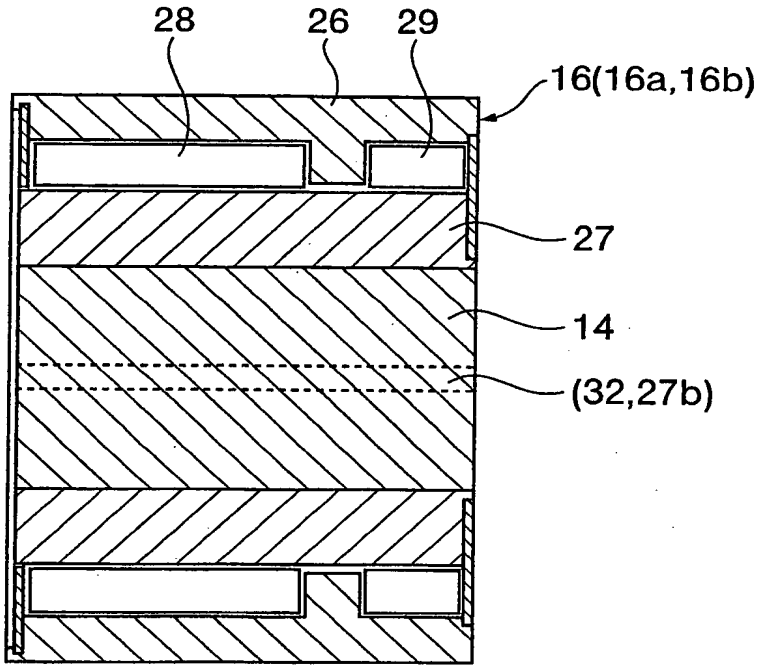
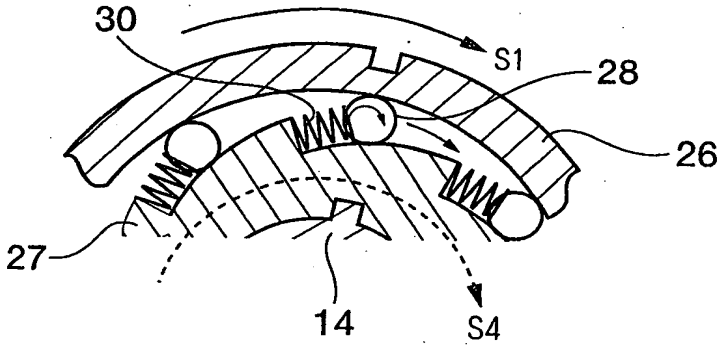
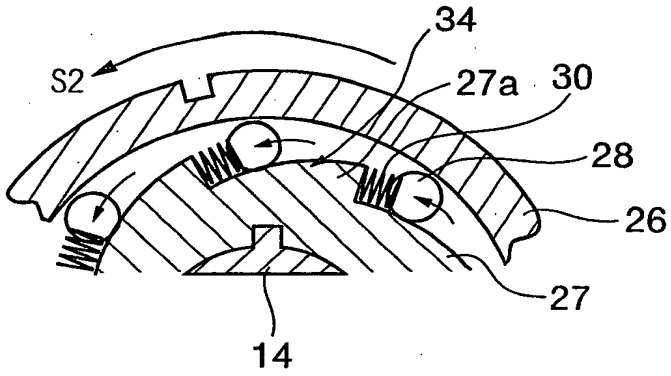


Fig. 5

(a)



(b)



(c)

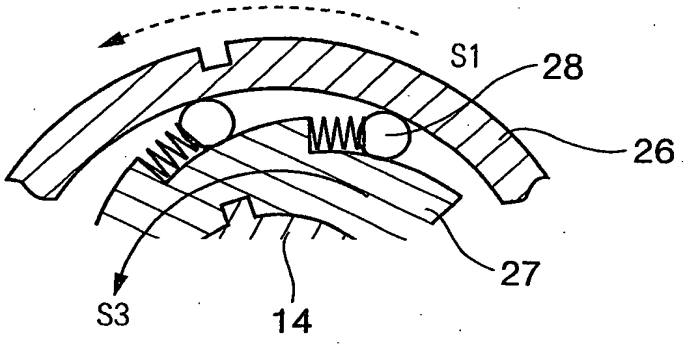


Fig. 6

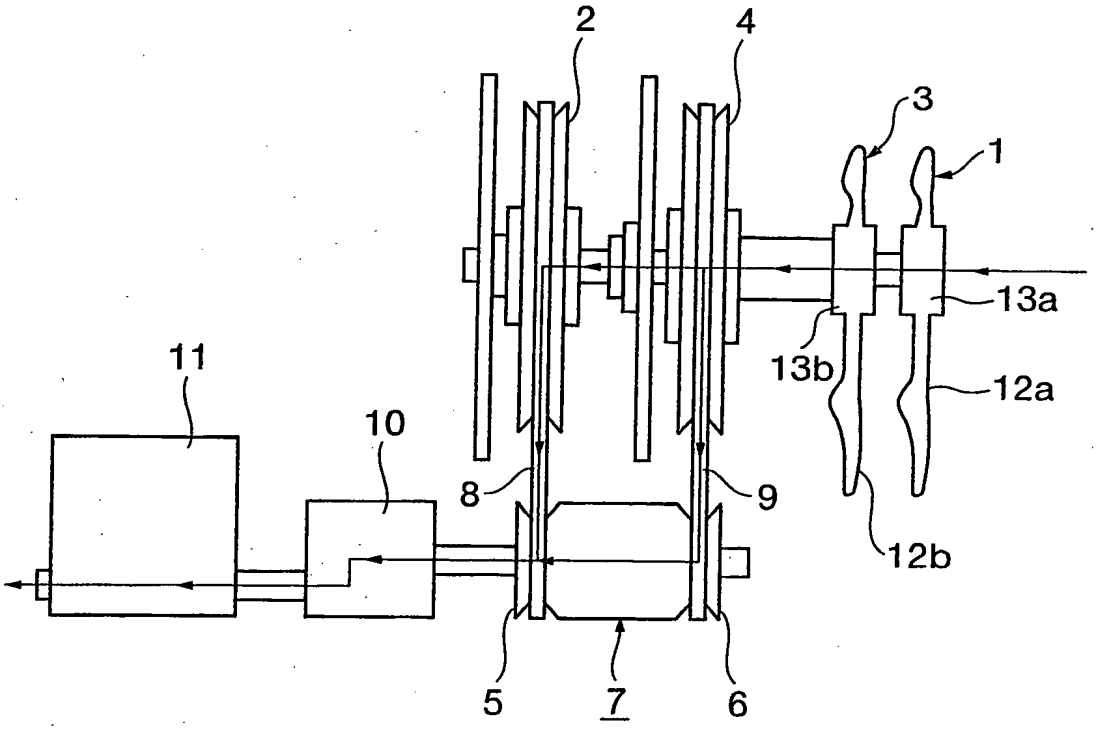
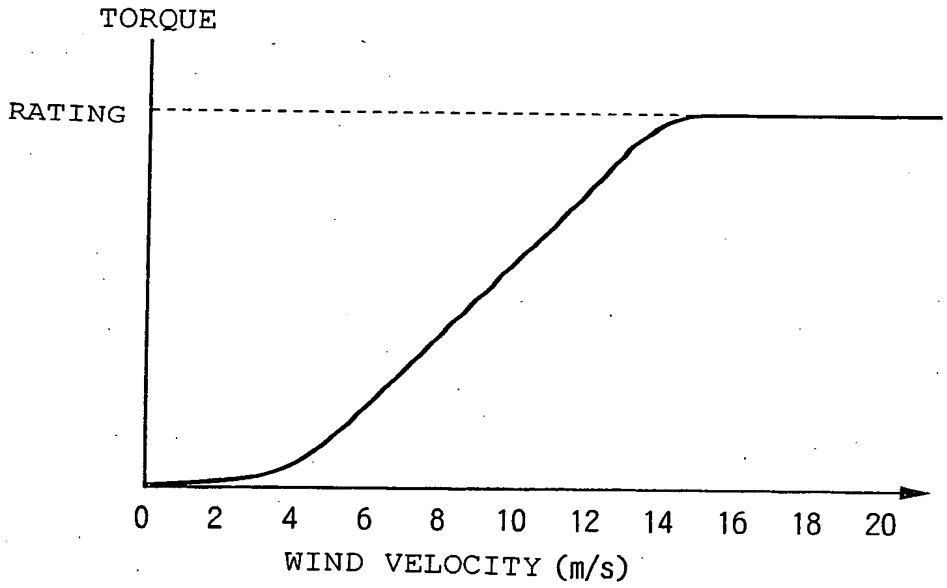


Fig. 7

WIND VELOCITY-GENERATED TORQUE CHARACTERISTIC CURVE

(A) CONVENTIONAL CASE



(B) CASE OF PRESENT INVENTION

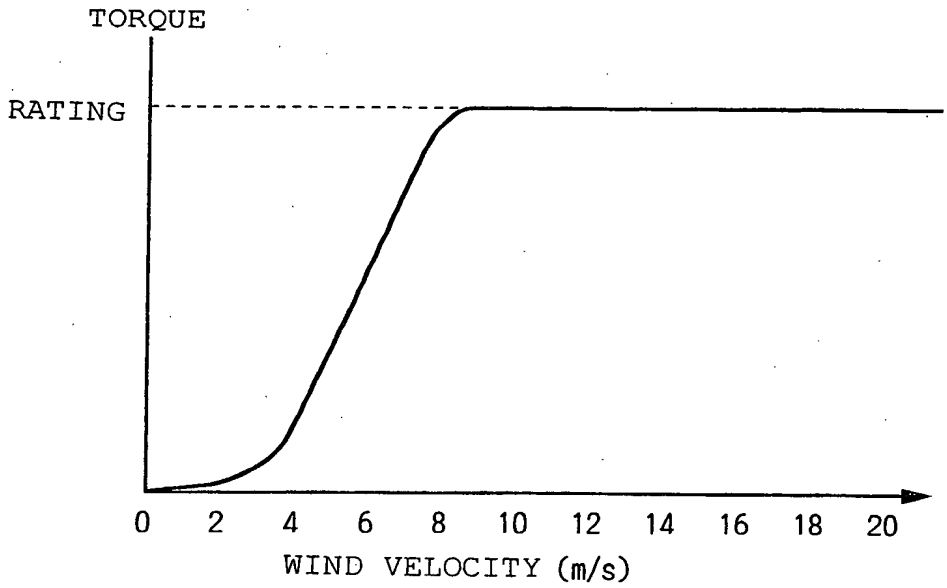


Fig. 8

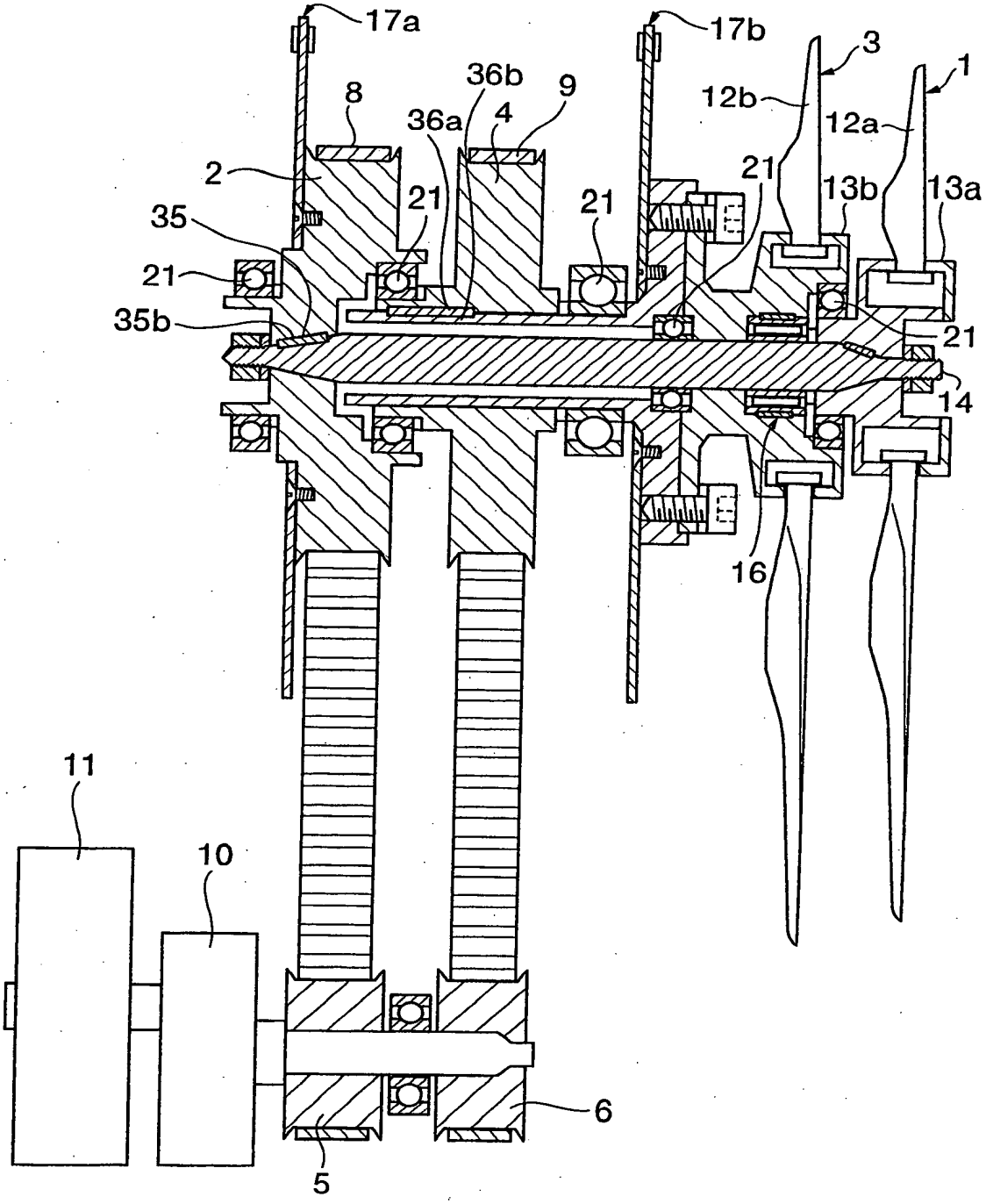

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Fig. 9

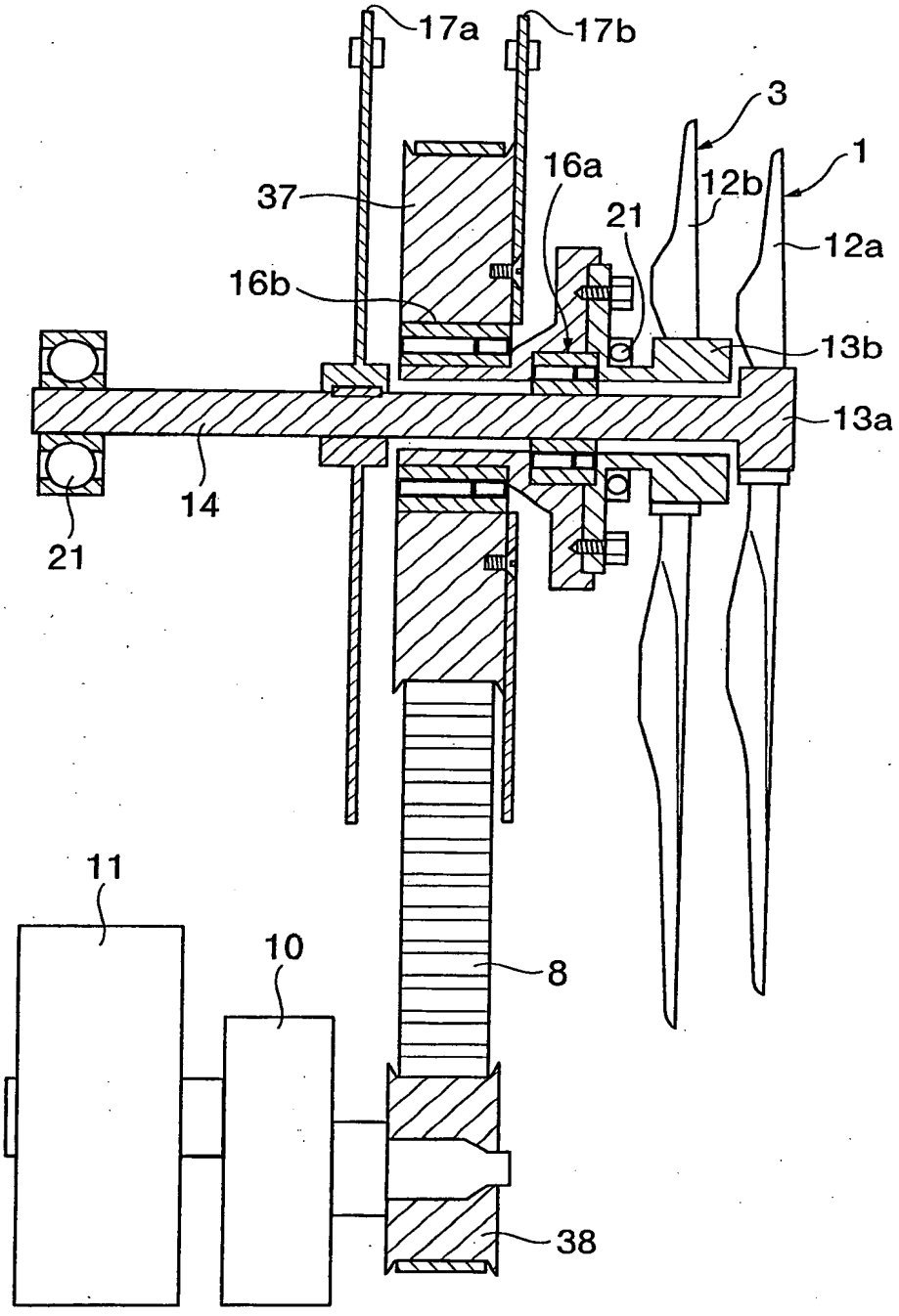
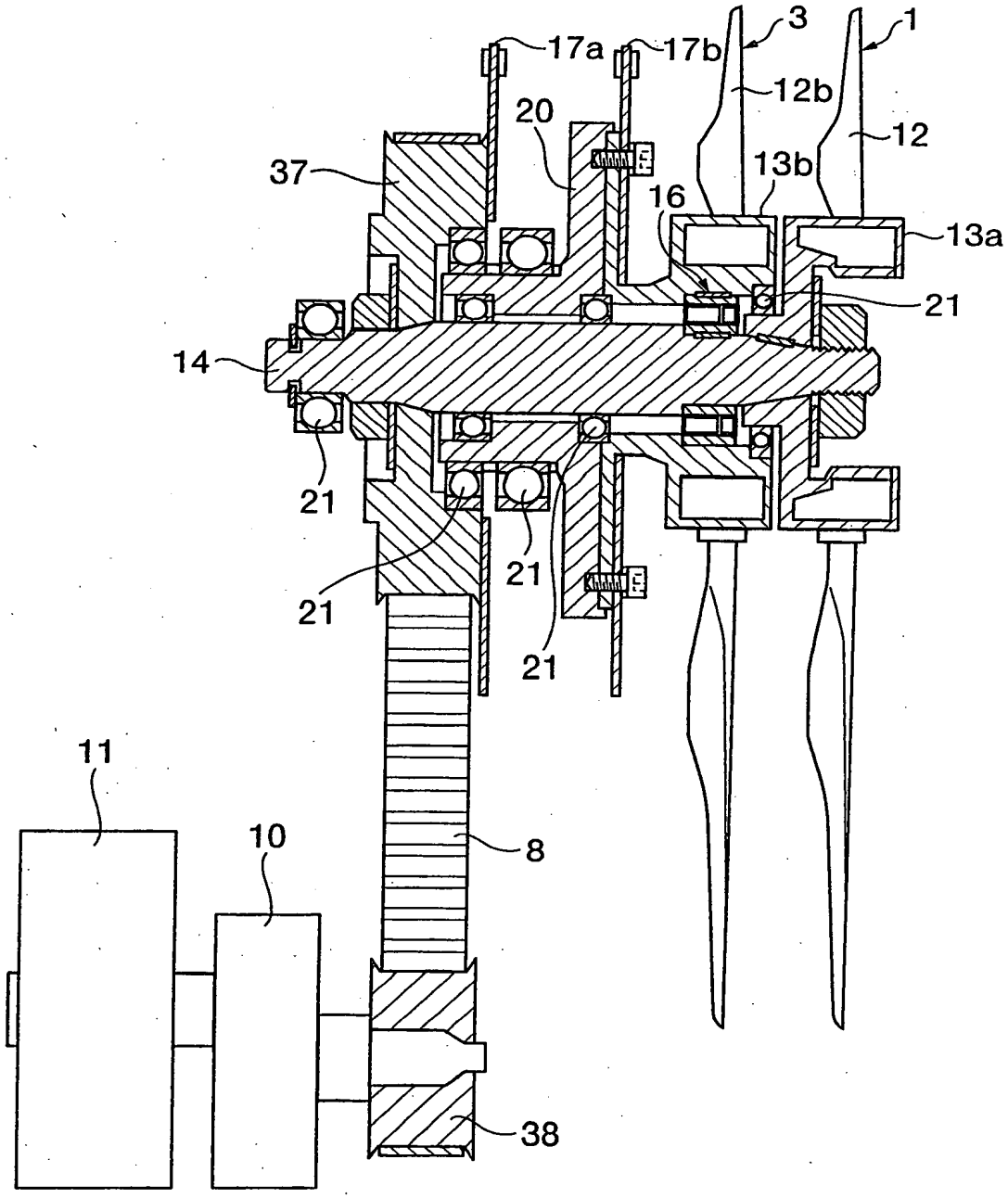


Fig. 10



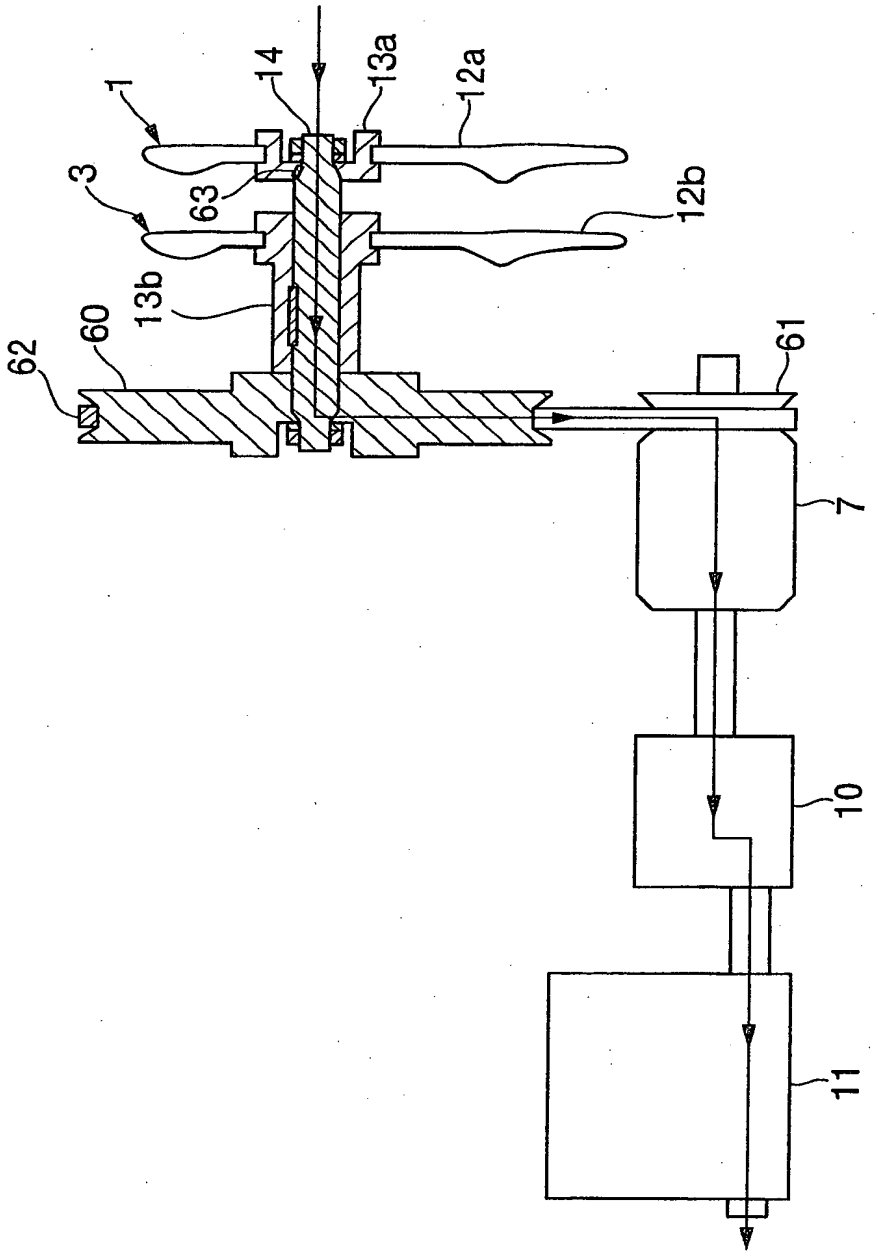
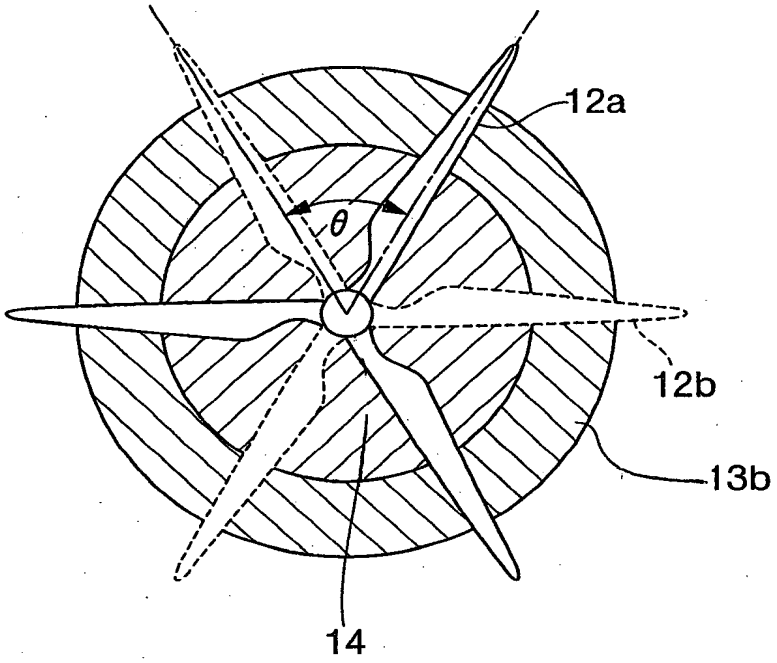


Fig. 11

Fig. 12



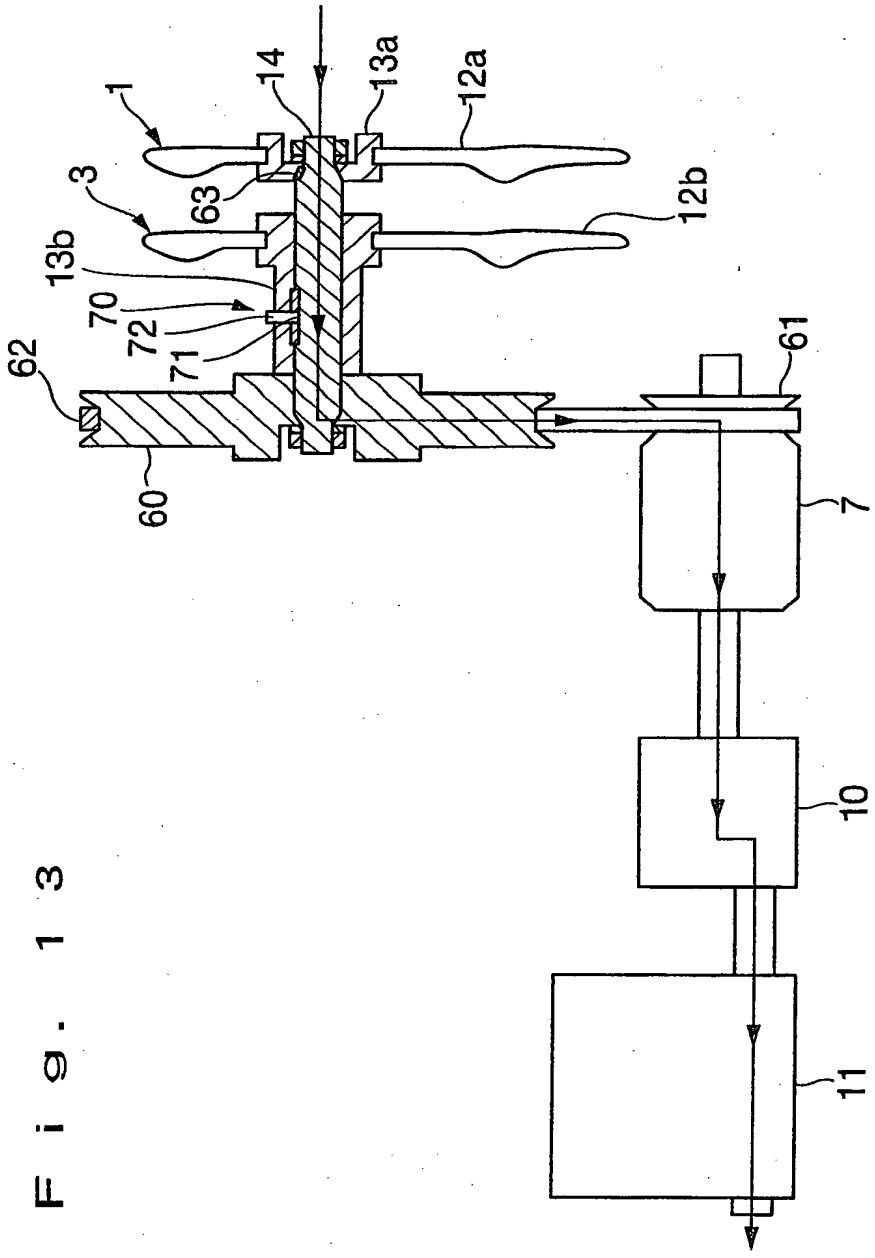


Fig. 13

Fig. 14

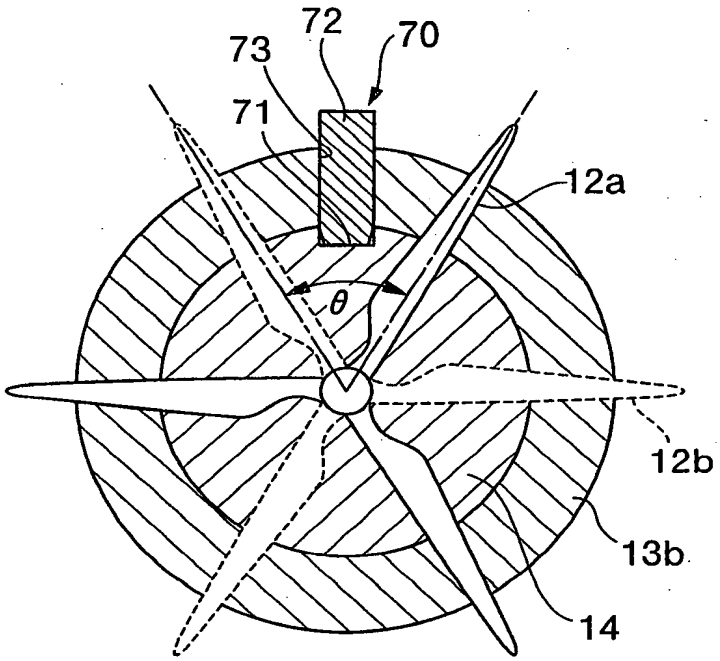


Fig. 15

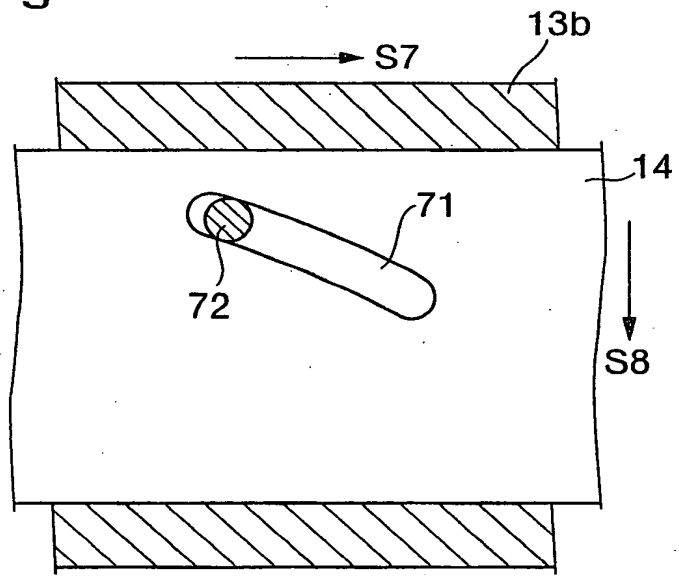


Fig. 16

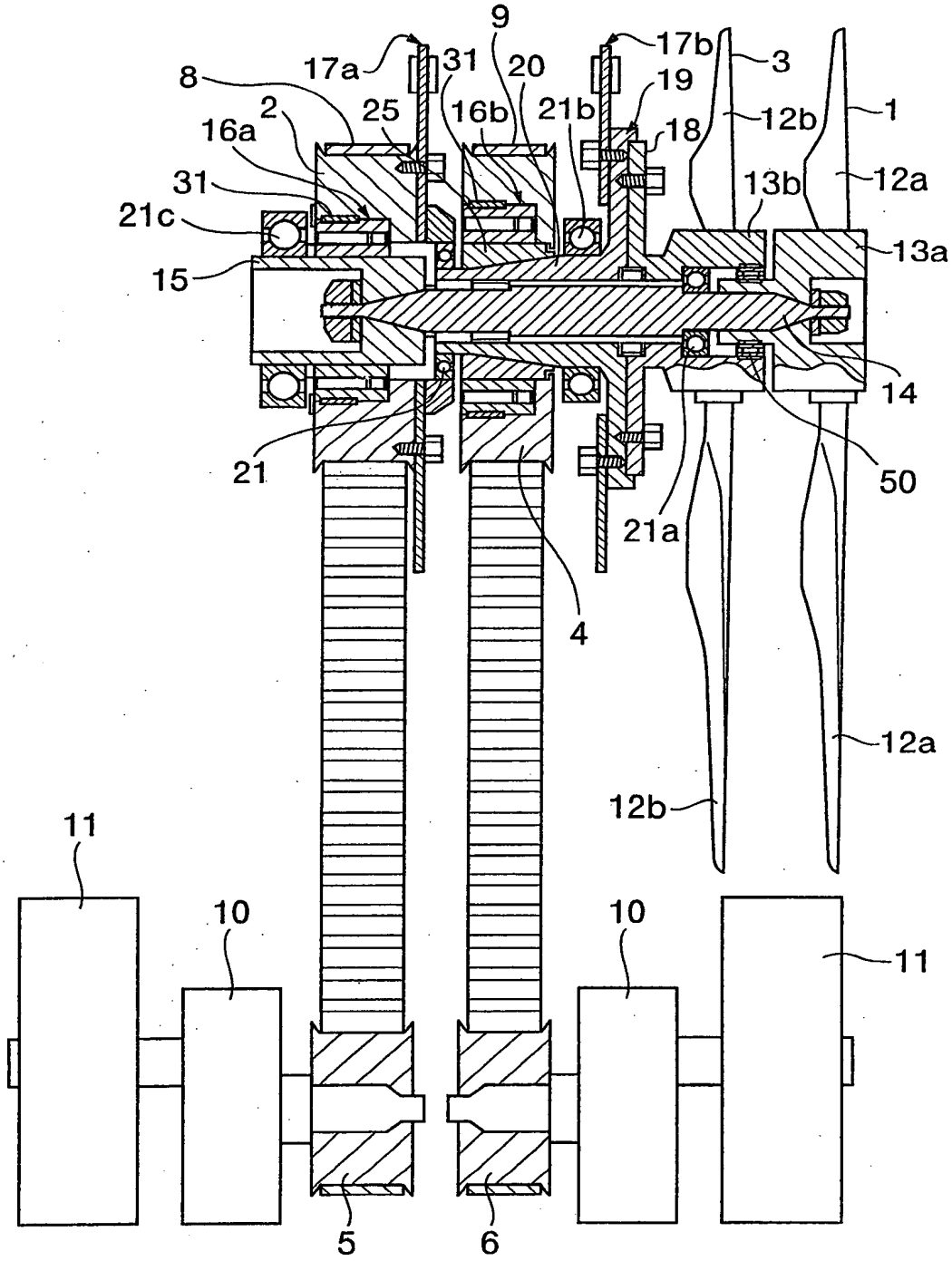

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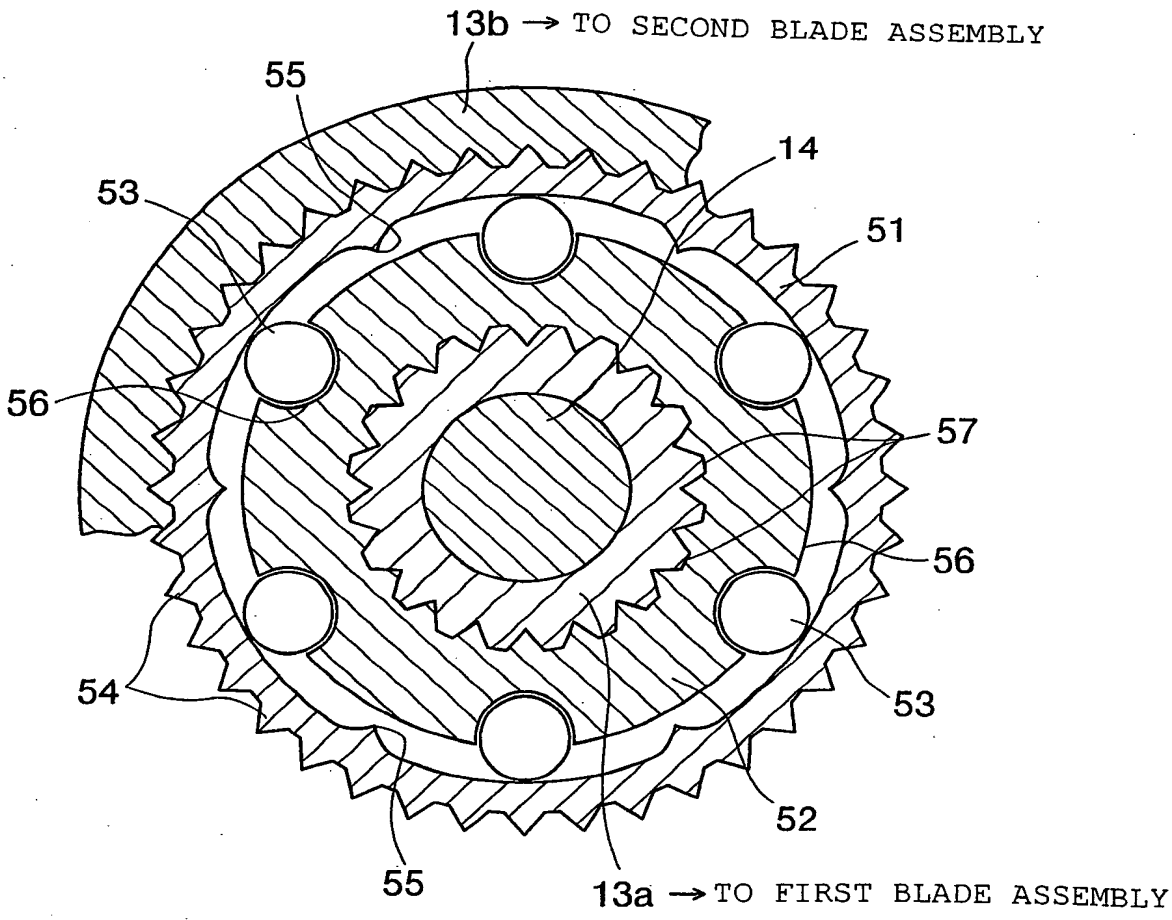
Fig. 17


13b → TO SECOND BLADE ASSEMBLY
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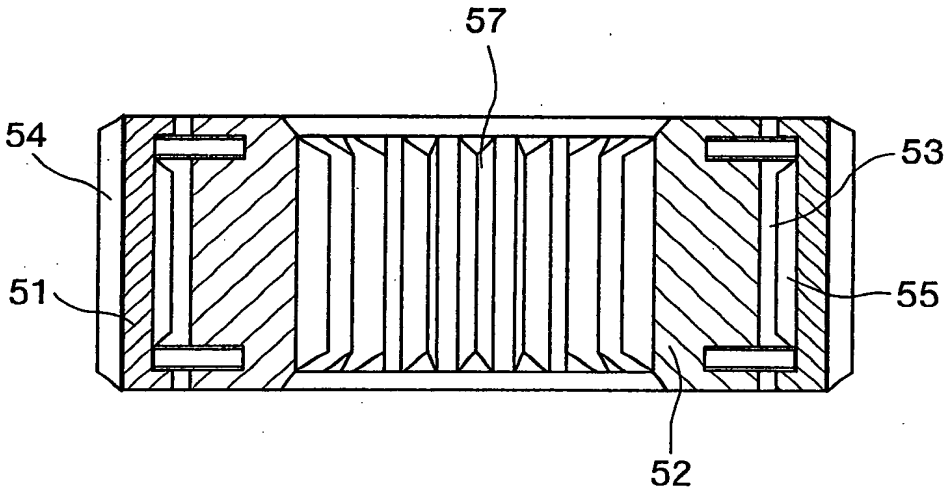
13a → TO FIRST BLADE ASSEMBLY

Fig. 18



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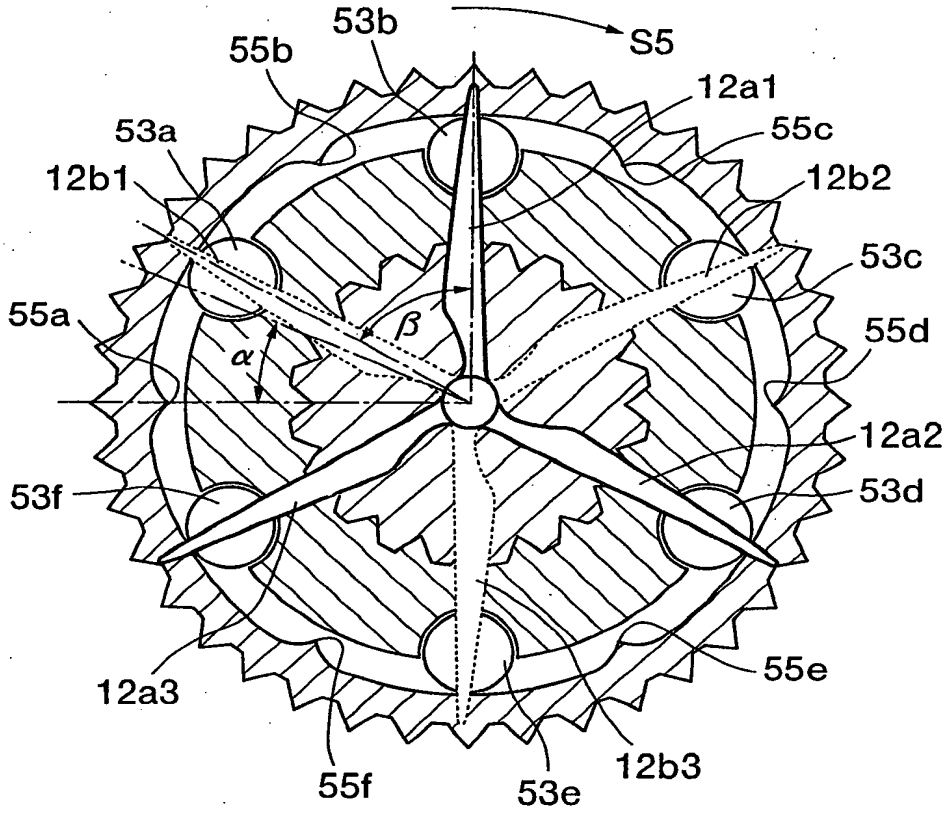
53b
S5
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12a1
53a
55c
12b1
12b2
53c
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β
55d
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53f
53d
55e
12a3
55f
53e
12b3

Fig. 20

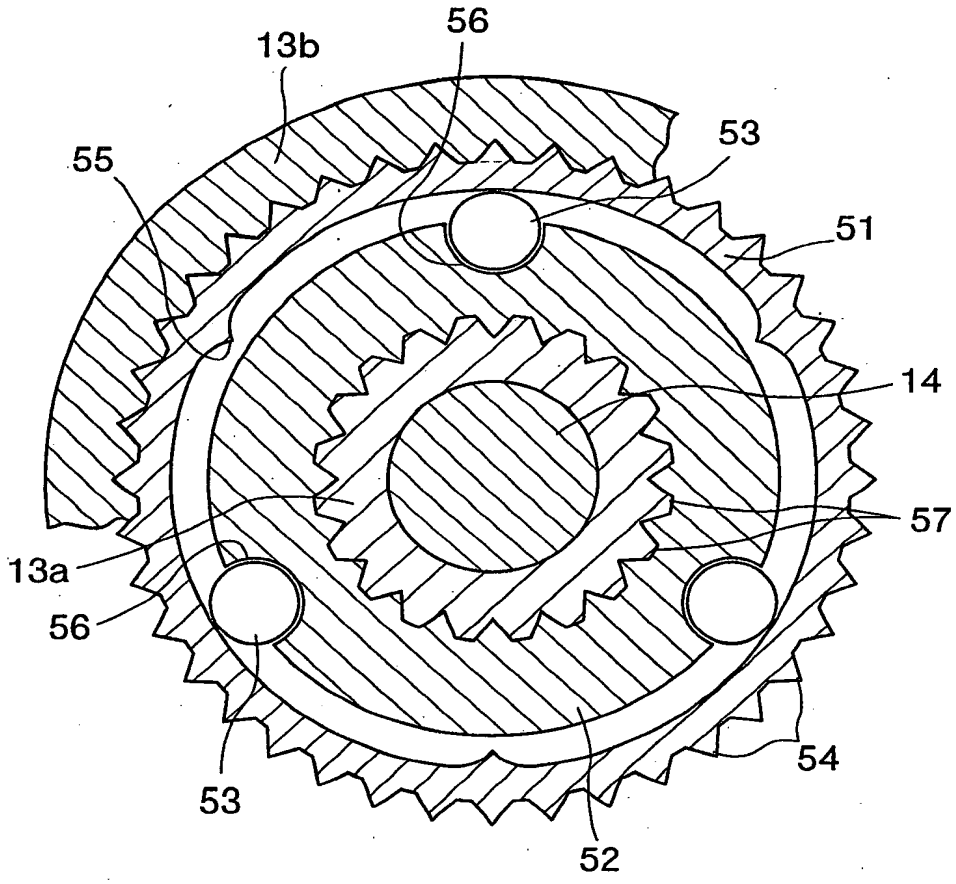
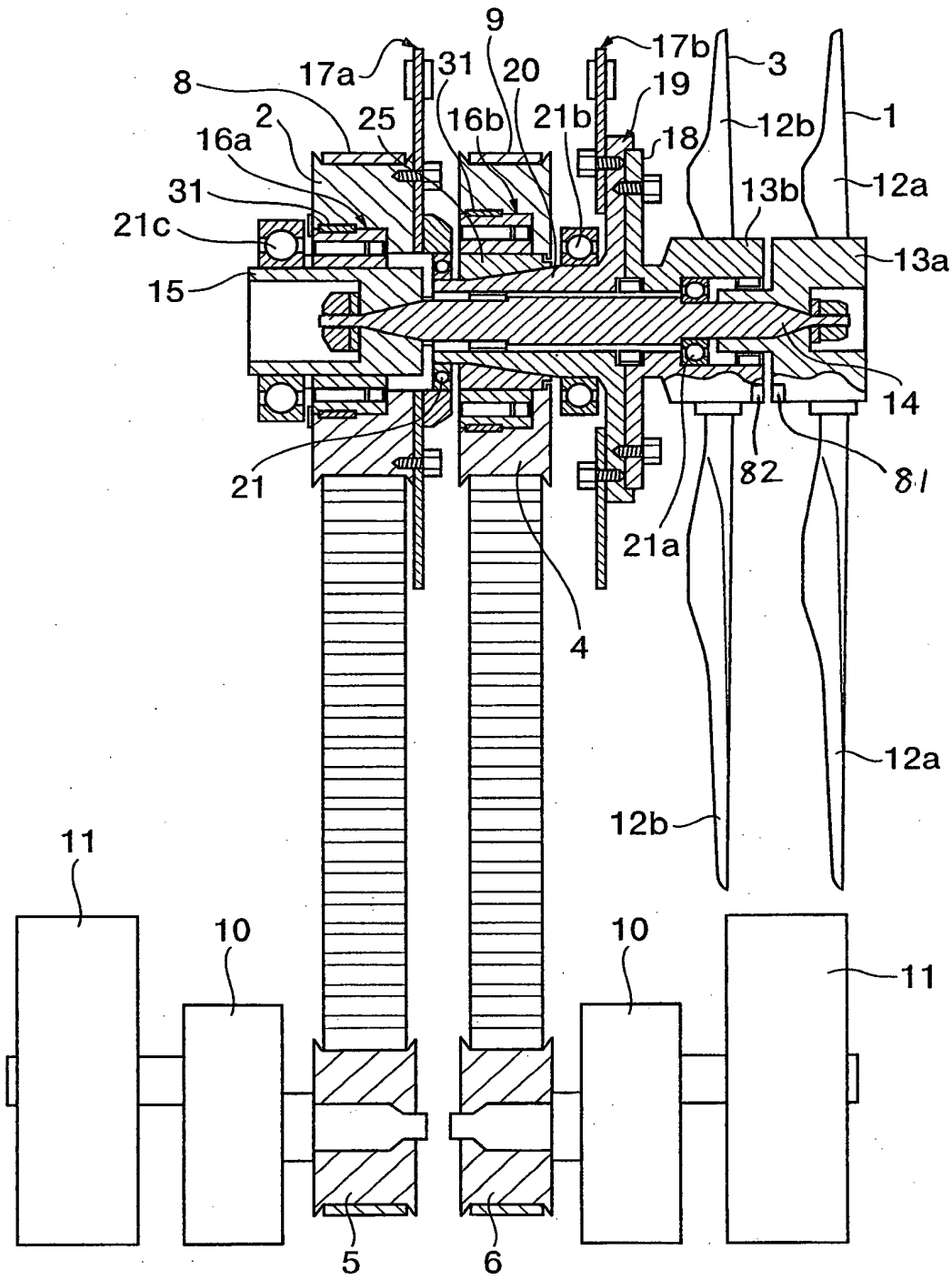


Fig. 21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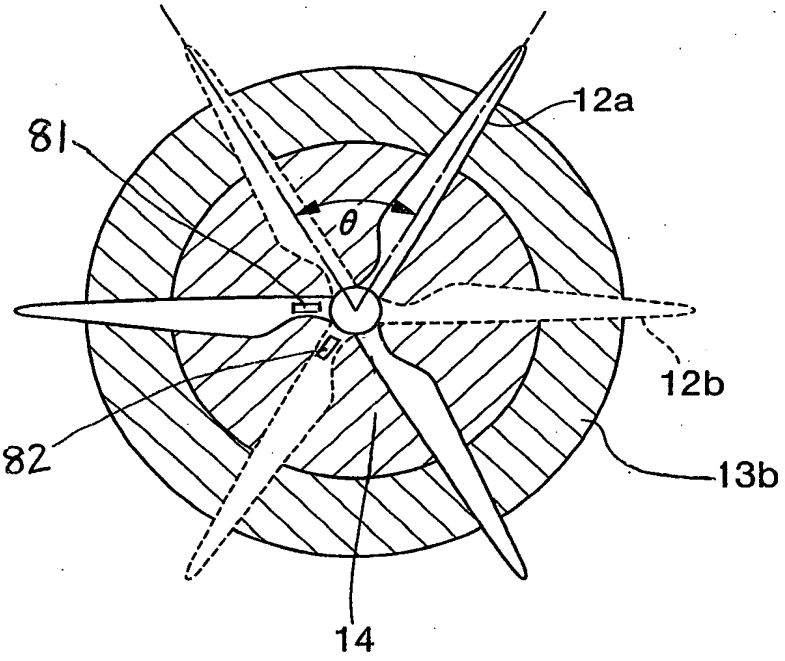
Fig. 22